Title (en)
BICYCLE HELMET FIT SYSTEM

Title (de)
FAHRRADHELMPASSFORMSYSTEM

Title (fr)
SYSTÈME D'AJUSTEMENT DE CASQUE DE BICYCLETTE

Publication
EP 2937005 B1 20180103 (EN)

Application
EP 15165206 A 20150427

Priority
US 201414262388 A 20140425

Abstract (en)
[origin: EP2937005A2] The present invention provides a helmet (20) comprising a main body (22) having a concave interior for receiving a user's head, a head strap (30) coupled to the body, and an adjustment mechanism (32) coupled to the head strap (30). The head strap (30) is positioned in a loop that spans at least 1.5 wraps around the interior of the main body (22). Preferably, the head strap (30) is fully recessed into the concave interior (26) of the main body (22). The head strap (30) can include an occipital pad (36) and a flexible belt (e.g., two flexible belts (34)) secured to the occipital pad (36) and engaged with the adjustment mechanism (32). Preferably, at least a portion of the flexible belt is spaced rearward from the occipital pad (36). The helmet (20) can further include a belt guide (e.g., two side belt guides (46) and a front belt guide (44)) secured to the main body (22) and adapted to allow the head strap (30) to slide through the belt guide.

IPC 8 full level
A42B 3/06 (2006.01); **A42B 3/14** (2006.01)

CPC (source: EP US)
A42B 3/066 (2013.01 - EP US); **A42B 3/142** (2013.01 - EP US); **A42B 3/145** (2013.01 - EP US); A42B 3/08 (2013.01 - US)

Cited by
US11982400B2; US11666112B2; WO2022031627A1; USD957391S; USD972560S; USD980217S; USD997165S; USD979567S; USD957392S; USD968402S; USD986243S; USD990472S; USD1013688S

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2937005 A2 20151028; **EP 2937005 A3 20151125**; **EP 2937005 B1 20180103**; TW 201540209 A 20151101; US 10420385 B2 20190924; US 11337480 B2 20220524; US 2015305428 A1 20151029; US 2020085129 A1 20200319

DOCDB simple family (application)
EP 15165206 A 20150427; TW 104113330 A 20150424; US 201414262388 A 20140425; US 201916578581 A 20190923